

INVENTOR INFORMATION

Inventor One Given Name:: Michael L
Family Name:: Nelson
Postal Address Line One:: 15 Peaceable Street
City:: West Redding
State or Province:: Connecticut
Country:: U.S.A.
Postal or Zip Code:: 06896
Citizenship Country:: U.S.A.
Inventor Two Given Name:: Justin L
Family Name:: Kreuzer
Postal Address Line One:: 7 Brandy Lane
City:: Trumbull
State or Province:: Connecticut
Country:: U.S.A.
Postal or Zip Code:: 06611
Citizenship Country:: U.S.A.
Inventor Three Given Name:: Peter L
Family Name:: Filosi
Postal Address Line One:: 24 Chimney Drive
City:: Bethel
State or Province:: Connecticut
Country:: U.S.A.
Postal or Zip Code:: 06801
Citizenship Country:: U.S.A.
Inventor Four Given Name:: Christopher J
Family Name:: Mason
Postal Address Line One:: 33 Button Shop Road
City:: Newtown
State or Province:: Connecticut
Country:: U.S.A.
Postal or Zip Code:: 06470
Citizenship Country:: U.S.A.

CORRESPONDENCE INFORMATION

Correspondence Customer Number:: 26111
Fax One:: (202) 371-2540

APPLICATION INFORMATION

Title Line One:: Method And System For Improving Focus Ac
Title Line Two:: curacy In A Lithography System
Total Drawing Sheets:: 4
Formal Drawings?: Yes
Application Type:: Utility
Docket Number:: 1857.0350000
Secrecy Order in Parent Appl.?: No

Material	Temperature	Strain Rate	Stress	Strain	Modulus	Poisson's Ratio	Yield Strength	Tensile Strength	Elongation	Reduction of Area	Impact Energy	Hardness
Aluminum	70°F	0.001 in./in./min	10,000 psi	0.01 in.	10,000 psi	0.33	10,000 psi	15,000 psi	10%	50%	10 ft-lb	100 HB
Steel	70°F	0.001 in./in./min	30,000 psi	0.01 in.	30,000 psi	0.25	30,000 psi	45,000 psi	15%	60%	20 ft-lb	200 HB
Copper	70°F	0.001 in./in./min	20,000 psi	0.01 in.	20,000 psi	0.35	20,000 psi	30,000 psi	8%	40%	5 ft-lb	80 HB
Brass	70°F	0.001 in./in./min	15,000 psi	0.01 in.	15,000 psi	0.30	15,000 psi	25,000 psi	12%	55%	15 ft-lb	120 HB
Lead	70°F	0.001 in./in./min	5,000 psi	0.01 in.	5,000 psi	0.40	5,000 psi	10,000 psi	3%	20%	1 ft-lb	40 HB
Gold	70°F	0.001 in./in./min	12,000 psi	0.01 in.	12,000 psi	0.38	12,000 psi	20,000 psi	10%	45%	10 ft-lb	100 HB
Silver	70°F	0.001 in./in./min	10,000 psi	0.01 in.	10,000 psi	0.35	10,000 psi	18,000 psi	12%	50%	15 ft-lb	100 HB
Iron	70°F	0.001 in./in./min	25,000 psi	0.01 in.	25,000 psi	0.28	25,000 psi	40,000 psi	18%	65%	25 ft-lb	200 HB
Nickel	70°F	0.001 in./in./min	35,000 psi	0.01 in.	35,000 psi	0.22	35,000 psi	50,000 psi	20%	70%	30 ft-lb	250 HB
Titanium	70°F	0.001 in./in./min	40,000 psi	0.01 in.	40,000 psi	0.20	40,000 psi	60,000 psi	22%	75%	35 ft-lb	300 HB
Aluminum	300°F	0.001 in./in./min	8,000 psi	0.01 in.	8,000 psi	0.35	8,000 psi	12,000 psi	15%	50%	10 ft-lb	80 HB
Steel	300°F	0.001 in./in./min	28,000 psi	0.01 in.	28,000 psi	0.25	28,000 psi	42,000 psi	18%	65%	25 ft-lb	180 HB
Copper	300°F	0.001 in./in./min	18,000 psi	0.01 in.	18,000 psi	0.35	18,000 psi	28,000 psi	10%	40%	5 ft-lb	70 HB
Brass	300°F	0.001 in./in./min	14,000 psi	0.01 in.	14,000 psi	0.30	14,000 psi	24,000 psi	12%	55%	15 ft-lb	110 HB
Lead	300°F	0.001 in./in./min	4,000 psi	0.01 in.	4,000 psi	0.40	4,000 psi	8,000 psi	3%	20%	1 ft-lb	30 HB
Gold	300°F	0.001 in./in./min	11,000 psi	0.01 in.	11,000 psi	0.38	11,000 psi	19,000 psi	12%	45%	10 ft-lb	90 HB
Silver	300°F	0.001 in./in./min	9,000 psi	0.01 in.	9,000 psi	0.35	9,000 psi	17,000 psi	12%	50%	15 ft-lb	90 HB
Iron	300°F	0.001 in./in./min	24,000 psi	0.01 in.	24,000 psi	0.28	24,000 psi	39,000 psi	18%	65%	25 ft-lb	190 HB
Nickel	300°F	0.001 in./in./min	34,000 psi	0.01 in.	34,000 psi	0.22	34,000 psi	49,000 psi	20%	70%	30 ft-lb	240 HB
Titanium	300°F	0.001 in./in./min	39,000 psi	0.01 in.	39,000 psi	0.20	39,000 psi	59,000 psi	22%	75%	35 ft-lb	290 HB